

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective December 8, 2004

10/19/2003

CLAIMS AS FILED - PART I

|                                  | (Column 1)   | (Column 2)               |
|----------------------------------|--------------|--------------------------|
| TOTAL CLAIMS                     |              |                          |
| FOR                              | NUMBER FILED | NUMBER EXTRA             |
| TOTAL CHARGEABLE CLAIMS          | minus 20 =   |                          |
| INDEPENDENT CLAIMS               | minus 3 =    |                          |
| MULTIPLE DEPENDENT CLAIM PRESENT |              | <input type="checkbox"/> |

| SMALL ENTITY TYPE | OTHER THAN SMALL ENTITY |
|-------------------|-------------------------|
| RATE              | FEES                    |
| BASIC FEE         | 715                     |
| X\$ 25=           |                         |
| X100=             |                         |
| +180=             |                         |
| TOTAL             | 1                       |
| RATE              | FEES                    |
| BASIC FEE         |                         |
| X\$ 50=           |                         |
| X200=             |                         |
| +360=             |                         |
| TOTAL             |                         |

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT A   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | 13                               | Minus 20                           | = -           |
| Independent   | 3                                | Minus 3                            | = -           |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| SMALL ENTITY     | OTHER THAN SMALL ENTITY |
|------------------|-------------------------|
| RATE             | ADDITIONAL FEE          |
| X\$ 25=          |                         |
| X100=            |                         |
| +180=            |                         |
| TOTAL ADDIT. FEE |                         |
| RATE             | ADDITIONAL FEE          |
| X\$ 50=          |                         |
| X200=            |                         |
| +360=            |                         |
| TOTAL ADDIT. FEE |                         |

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT B   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | Minus                            | =                                  |               |
| Independent   | Minus                            | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| ADDITIONAL FEE   | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 25=          |                |
| X100=            |                |
| +180=            |                |
| TOTAL ADDIT. FEE |                |
| RATE             | ADDITIONAL FEE |
| X\$ 50=          |                |
| X200=            |                |
| +360=            |                |
| TOTAL ADDIT. FEE |                |

|   | (Column 1)                       | (Column 2)                         | (Column 3)    |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT C   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total   | Minus                            | =                                  |               |
| Independent   | Minus                            | ***                                | =             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> |                                  |                                    |               |

| ADDITIONAL FEE | ADDITIONAL FEE |
|----------------|----------------|
| X\$ 25=        |                |
| X100=          |                |
| +180=          |                |
| OR             | X\$ 50=        |
| OR             | X200=          |
| OR             | +360=          |